

LUPIN Receival Standards Season 2020/2021

The Lupins shall be of the **CURRENT** season and be dry and mature.

The following standards are based on **Pulse Australia Standard CSP – 8.1.1** and apply to Lupins receivals for ALL clients delivering into Viterra.

LUPN

Only Angustifolius type

| CATEGORY | | CODE | |
|--|-----------------------|-------------|-------------------|
| TEST WEIGHT | Grams | TW | 200 |
| MOISTURE | Max % | MO | 14.0 |
| DEFECTIVE <i>of which</i> | Max % by weight | DG | 7.0 |
| DISCOLOURED LUPINS (Yellow, Reddish / Tan Coloured) | Max count / 200 grams | DL | 36 |
| PHOMOPSIS AFFECTED | Max count / 200 grams | PL | 17 |
| BITTER DARK SEEDED | Max count / 200 grams | BD | 2 |
| MOULD / HEAT DAMAGED / BURNT | Max count / 200 grams | MS | 1 |
| TOTAL FOREIGN <i>of which</i> | Max % by weight | TF | 3.0 |
| WILD RADISH | Max % by weight | WRAD | 2.0 |
| UNMILLABLE MATTER <i>of which</i> | Max % by weight | SA | 0.5 |
| EARTH / SAND / SOIL | Max % by weight | EAP | 0.3 |
| STONES <small>part of Unmillable Matter (SA) Ensure they don't exceed 0.5% by weight</small> | Count / 200 grams | SE | Record the number |

CONTAMINANTS

Foreign Seed Contaminants

Tolerance applies to whole seeds or their equivalent in pieces per 200 grams. Tolerances stated in the table refer to the total of all seeds named in each type, ***EXCEPT for Type 1** which are tolerances for individual seeds

| | | | |
|---|---|------------|-----|
| Type 1* | Colocynthis, Double Gees/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Field Poppy, Horned Poppy, Wild Poppy | S1* | 4 |
| Type 2 | Castor Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St. John's Wort, Parthenium Weed | S2 | NIL |
| Type 3a | Bathurst Burr, Caltrop / Cats head / Bulls head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple | 3A | 1 |
| Type 3b | Vetch Tare, Vetch Commercial | 3B | 2 |
| Type 3c | Blue Heliotrope, Common Heliotrope | 3C | 4 |
| Type 4 | Field Bindweed, Cutleaf Mignonette, Darnel (Drake seed), **Hexham Scent/ Melilot (King Island, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle, ** Hexham Scent is only acceptable if no tainting odour is present | S4 | 10 |
| Type 5 | Creeping Knapweed / Russian Knapweed, Salvation Jane/Patterson's Curse, Sesbania Pea | S5 | 20 |
| Type 6 | Colombus Grass, Johnson Grass, Saffron Thistle, Clover (Pods), Lucerne (Pods), Marshmallow (Pods), Medic (Pods), Muskweed (Pods), Wild Radish (Pods), Trefoil (Pods) (Pods refer to whole pods or part thereof) | S6 | 5 |
| Type 7a | Chickpea, Corn, Cowpea, Broad Bean, Lentil, Pea (Field), Maize (where applicable), Faba Bean, Soybean, Mungbean | 7A | 10 |
| Type 7b | Barley (2 row), Barley (6 row), Bifora Testiculata, Australian Bindweed, Black Bindweed, Brome Grass, Durum, Oats (Black or Wild), Oats (Sand), Oats (Common), Rice, Rye (Cereal), Rye Grass on Stalk, Sheep Weed, Sorghum Grain, Three Horned Bedstraw, Triticale, Turnip Weed, Wheat and all other foreign seeds not listed and not part of small seeds | 7B | 10 |
| Type 7c | Safflower, Sunflower | 7C | 1 |
| Type 8 | Bellvine | S8 | 100 |
| Small Foreign Seed not specified in types 1-8 | Max % by weight | SS | 0.6 |

OTHER CONTAMINANTS

| | | | | |
|--|---|------------------------|------------|------|
| Ryegrass Ergot | Total length of all pieces measured end to end | Max length / 200 grams | RE | 2 cm |
| Field Insects | Live or Dead | Max count / 200 grams | FI | 15 |
| Grasshoppers / Locusts | Live or Dead | Max count / 200 grams | LO | 2 |
| Snails - Round and/or Conical (Live or Dead) | Tolerances refer to whole bodies, substantially whole (more than half) snail shells, irrespective of size | Max count / 200 grams | SNL | 1 |
| Objectionable Material | Entire Load | | OM | NIL |
| <ul style="list-style-type: none"> Free from animal excreta, rodents (live or dead), live stored product insect pests Any toxic and / or noxious weed seeds prohibited by state laws against inclusion in stockfeed A commercially unacceptable odour is defined as sour or musty odour that is not considered natural, which may or may not be physically detectable through the presence of foreign material. Includes but is not limited to, plant parts and seed of <i>Eucalyptus spp.</i> Ergot of any commodity except ryegrass ergot (for which a tolerance may apply) Any other commercially unacceptable contaminant such as glass, metal, fertiliser, concrete. | | | | |
| Chemical Residues | Entire Load | | CR | NIL |
| Residues of any chemical compound not approved, or used in contravention of the label or chemicals in excess of the MRL (refer information on declaration) | | | | |